HIGH SPEED GROUND TRANSPORTATION JOURNAL

CUMULATIVE CONTENTS

Volume 8, No. 1
Spring 1974

1...The Impact of Citizens on Highways
John French III

25...Public School Transportation and Location Policies: A Systems Analytic Approach
Jarir S. Dajani, Donald Wright and K. Preston White
Duke University

41...Dade Area Rapid Transit: A Progress Report
Ralph Warburton, *University of Miami, Florida*

53...Toward Goals for Urban Transportation
Kenneth J. Dueker and Douglas J. McKelvey, *University of Iowa*

71...Organization: The Order of Planning
T. A. Dames and William L. Grecco, *University of Tennessee-Knoxville*

87...Potential Impacts of Rapid Transit and Public Responses to Rapid Transit Plans
Jere J. Hinkle, Robert A. Lowrey and Venkaiah Yedla
CONSAD Research Corporation, Pittsburgh, Pennsylvania

125...Land Use and Transport Interaction: Policy and Planning Implications
Ata M. Khan, *Carleton University, Canada*

153...Subterranean Guideway Responses to Levitation Vehicle Loading
G. Wayne Clough and James F. Wilson, *Duke University*

165...High Speed Ground Transportation Brings New Drainage Problems
Chesley J. Posey, *University of Connecticut*

177...Books and Reports

Volume 8, No. 2
Summer 1974

1...Vehicle Support with Compliant Air Bearings
Charles M. Harman and Henry Lau, *Duke University*

11...The Airtrain: An Aircraft Technology Ground Transportation System
Elvest L. Lehl, *Wichita, Kansas* and Glen W. Zumwalt, *Wichita State Univ.*

17...Selection of Candidate Guideway Parameters for High Speed Tracked Levitated Vehicles
R. J. Ravera and J. R. Anderes, *The MITRE Corporation*

33...Quiet Air Propulsion for High Speed Ground Transportation
Frederick B. Metzger, *Hamilton Standard, Division of United Aircraft Corp.*

41...Planning and Land Banking for a Multi-Modal and High-Speed Transportation Corridor
Wayne W Linthacum, *International Engineering Company, Inc.*

53...Impact of a High Speed Rapid Transit Facility on Residential Property Values
W. Bruce Allen and David E. Boyce, *University of Pennsylvania*

61...Opportunities in the Phoenix-Tucson Land Corridor
Rich Johnson, *Central Arizona Project Association*

65...Political-Economic Factors in Connecticut Transportation Systems
Alexis N. Sommers, *University of New Haven*

71...Transportation and Urban and Regional Development Impacts
John W. Dickey, *Virginia Polytechnic Institute and State University*
R. Sharpe, *CSIRO, Highett, Victoria, Australia*

81...An Empirical Analysis of High-Speed Surface Transportation Fatality Rates
Grant M. Davis and A. Gale Sullenberger, *University of Arkansas*

93...Special Aerodynamic Problems of High Speed Ground Transportation Systems
Andrew G. Hammitt, *Andrew G. Hammitt Associates*

101...Electrodynamic Magnetic Levitation Development in Canada
David L. Atherton and A. R. Eastham, *Queen's University, Kingston, Ontario*

111...Urban Traffic Control Strategy: Efficiency and Safety
J. E. Tolle, *Carnegie-Mellon University*

125...Specification of Ride Quality Criteria for Transportation Systems: The State of the Art and a New Approach
John J. Fearnsides, *Department of Transportation, Washington, D. C.*
J. Karl Hedrick and H. Firouztash, *Arizona State University*

133...Assessing Social Costs for Transport Route Location
Frederick P. Stutz, *San Diego State University*

139...Behavioral Technology—An Essential Design Component of Transportation Systems
Peter B. Everett and Scott C. Hayward, *Pennsylvania State University*

Volume 8, No. 3
Fall 1974

145...Statistical Ground Excitation Models for High Speed Vehicle Dynamic Analysis
Nathan E. Sussman, *The MITRE Corporation*

155...An Experimental Investigation of Pneumatic Tube Vehicle Systems
Clifford A. Woodbury, 3rd, *Louis Klauder and Associates*
William P. Goss and Jon G. McGowan, *University of Massachusetts*

167...The Design of a Ram Wing Vehicle for High Speed Ground Transportation
E. Anthony Tan, *E. I. Dupont Company*
William P. Goss and Duane E. Cromack, *University of Massachusetts*

185...Improvement of Rapid Transit System Goodness
Paul Kalra and Robert Oswald, *Bechtel Inc.*

195...The Ram Air Cushion—Description and Comparison with Alternate Suspension Concepts
Timothy M. Barrows, *Transportation Systems Center*

213...Ride Quality and Guideway Roughness Measurements of the Transpo '72 PRT Systems
W. C. Caywood and N. Rubinstein, *The Johns Hopkins University*

227...Vehicle Control Performance Requirements and Headway in an Automated Ground Transportation System
Henry A. Camargo, *General Motors Corporation*

237...Economic Criteria for the Development of High Speed Ground Transportation Services in Canada
Ata M. Khan, *Carleton University*

255...Maglev Test Facilities at Messerschmitt-Bölkow-Blohm Munich
P. M. Navé, *Messerschmitt-Bölkow-Blohm*

261...Transportation Innovation and the Reinforcement of Urban Hierarchies
Donald G. Janelle, *The University of Western Ontario*

271...Communication Consideration for Automatically Controlled Urban Transit Systems
A. M. Yen, *The MITRE Corporation*

275...Marketing High Speed Ground Transport
Terry J. Hooper and Everett E. Johnston, *Canadian Transport Commission*

283...Rapid Transit and Urban Geography—A Primer for Phoenix
Charles S. Sargent, *Arizona State University*

291...Planning Massive Accessibility for Central Atlanta: A Study of Misleading Projections
Andrew Hamer and Truman Hartshorn, *Georgia State University*